

SPECIFIC TUNE-UPS

Uniden PC-77 (IC7131-PLL)

TX-peak L18, L17, L16, L13. RX-peak L3, L4, L5, L6, L7, L8, (L1 and L2 are noise circuitry adjustment coils—best to leave alone, unless you know how to adjust correctly.) VR1-S Mtr, VR2-Sq Rng, VR3-RF Mtr, VR4-Ant. warning calibration. There is no AMC adjustment: No unit to check this out on but, try removing R138 (100 ohm); only if needed! If noisy and rejection is bad like other models: increase value of C-38 for noise, and add another identical filter in series with FT-2 for rejection.

Realistic TRC-473 #21-1537 (TC9106BP-PLL), another new for '84

Another run-of-the-mill unit (extra's-Tone Control?, RF Gain pot-O.K., and AWL-O.K.). TX-peak L12, L11, L8. RX-peak L1, L2, L3, L4, L5. VR1-S Mtr, VR2-Sq Rng, VR3-RF Mtr, VR4-AMC. If modulation isn't enough remove D18. Increase value of C22 to eliminate noise if a problem.

Uniden PC-55 (TC9106BP-PLL)

TX-peak L14, L15, L12, L11, L8. RX-peak L1, L2, L3, L4, L5. VR1—S Lights, VR2-Sq Rng, VR3-TX Lights. If needed D-13 may be removed for more modulation. (For additional information see Vol. 19 page 40. PC-33 is almost identical unit.)

USACO Md1. U900CB (IC7131-PLL)

O.K.—this is going to be a hit or miss tune-up; as schematic doesn't show what coils are tuneable, and complete owner's manual wasn't sent. (Complete Line-Up is in the manual, along with parts locator!) TX-peak T10, T12, T11, T13, T14. RX-peak T1, T2, T3, T4, T5. VR1-S Mtr., VR2-Sq Rng., VR3-AMC, VR4-TX Mtr. (Mod. disable if needed is C80, 3.3Mf/16V elec.) Final is 2SC2078E; direct replacement is ECG-236; so don't be afraid to push the final.. rated at 20W +

Fieldmaster Micro-Mini 40 (uPD861-PLL)

Don't know where these are coming from - New-in-box? (Were made back in '76 and company is no longer in business.) This is an ideal little unit. TX-peak L15, L13, L10. RX-peak L4, L5, L6, L8, L9. Final is 2SC1678, 10W - so push it. RV1-RF Gain, RV2-Sq Rng, RV3-Rx Mtr, RV6-Tx Mtr, RV401-AMC. Unit does have an outstanding compressor circuit! R53 may be changed to lower value for more drive in the RF power circuitry.---Schematic is on page 57, this volume.

